CURRICULUM GUIDE

CLARKSTON JUNIOR HIGH SCHOOL 2026-2027

Clarkston Community Schools

PHILOSOPHY & PRACTICE

Clarkston Community Schools will require all students in grades 8-12 to earn academic credits. Eighth grade students earn core competency points and 9th grade students earn credits towards graduation. Some 8th grade course work may also grant credit towards graduation.

CLARKSTON HIGH SCHOOL GRADUATION REQUIREMENTS		
SUBJECT	**CREDITS**	**SPECIFIC INFORMATION**
LANGUAGE ARTS	**4**	1.0 ELA 9 1.0 ELA 10 1.0 ELA 11 0.5 ELA Elective 0.5 ELA Elective
SOCIAL STUDIES	**3.5**	1.0 U.S. History/Geography 1.0 World History/Geography 0.5 Economics 0.5 Civics 0.5 Personal Finance* ***Embedded into Economics***
MATH	**4**	1.0 Algebra 1 1.0 Geometry 1.0 Algebra 2 1.0 Math Elective ***Must take a math course senior year***
SCIENCE	**3**	1.0 credit Biological Science 1.0 credit Physics or Chemistry 1.0 credit Science Elective
WORLD LANGUAGE	**2**	2.0 credits in the same language
PHYSICAL EDUCATION	**1**	0.5 credit PE/Health 0.5 credit PE Elective
VISUAL, PERFORMING, & APPLIED ART	**1**	Any combination of: Performing Arts, Visual Arts, Career and Technical Education, & OSTC
ELECTIVES	**4**	Any courses that cannot be counted in other categories. This includes core courses in which the student has gone above the minimum requirements listed above.
TOTAL REQUIRED:	**22.5**	

Clarkston Junior High School Curriculum Guide (Grades 8-9)

Students can log into StudentVue to check which graduation requirements have been met. Click on "Course History", then "Graduation Status" in the upper right-hand corner.

Overview of Mandated Transfer to Renaissance High School Policy

Rationale:
While Clarkston Community Schools is a champion for student choice and respect for individuality, there are times when measures must be taken for the sake of student success. In most circumstances, only a small percentage of students are impacted.

Benefits:
Clarkston Community Schools is fortunate to have a building that offers alternative programming and individual planning for students. Renaissance High School provides a smaller environment with more opportunities for one-to-one interaction and academic/social emotional support.

In addition, RHS provides tailored post-high school planning, including:

- Career Exploration
- College Planning
- Tech/Trade School
- Apprenticeships/Internships
- Military

Students who attend Renaissance High School are awarded the same diploma from Clarkston Schools and therefore have the opportunity to attend CHS graduation, RHS graduation, or both.

Mandated Renaissance Placement Criteria :
Students will be enrolled at Renaissance High School for any/all of the following criteria:

- Fails three core semester classes (defined below)
- Cumulative GPA of 1.50 or below
- Violation of the attendance policy
- Currently on a Restorative Agreement

Core Courses 9th - 12th Grade		**Core Courses 8th Grade**	
Algebra 1 A Algebra 1 B	Algebra 2 A Algebra 2 B	Math 8 A	Math 8 B
Geometry A	Geometry B	Science 8 A	Science 8 B
Biology A	Biology B	Social Studies 8 A	Social Studies 8 B
Physics/Chemistry A	Physics/Chemistry B	ELA 8 A	ELA 8 B
Science Elective A	Science Elective B		
US History/Geog A	US History/Geog B		
World History A	World History B		
ELA 9 A ELA 9 B ELA 11 A ELA 11 B	ELA 10 A ELA 10 B ELA 12 A ELA 12 B		

***Note** - Special Education Student transfers will be processed by the student's special education team.

Criteria for Request for Transfer:
Students who meet the following criteria may request a transfer to CJHS / CHS:

- Good academic standing
- Good attendance
- No disciplinary action

PERSONAL CURRICULUM

The Personal Curriculum (PC) is a documented process that modifies certain requirements of the Michigan Merit Curriculum (MMC).

The Personal Curriculum, requested by the parent, legal guardian, or emancipated student, allows the board of a school district or public school academy to award a high school diploma provided the student completes the PC, including as many of the content expectations of the MMC as practicable.

The use of a Personal Curriculum (PC) modification is allowed by state statute for only three reasons:

1. A student wishes to modify the mathematics requirement.

2. A student wishes to go beyond the academic credit requirements by adding more math, science, English language arts or languages other than English credits.

3. A student with a disability needs to modify the credit requirements based on his or her disability.

For more information on Personal Curriculum refer to www.michigan.gov/mde.

COLLEGE/UNIVERSITY REQUIREMENTS

Entrance requirements vary greatly from college to college. If you know which college you plan to attend, consult your guidance counselor and/or college's catalog and plan your schedule to include the necessary courses. If you are uncertain of which college you may attend, follow the general guidelines stated below.
***Note**: The President's Council of State Universities of Michigan has established the following core curriculum requirements. Successful completion of the following core courses will be the consideration for regular admission into any of the 15 public universities in Michigan:*

English	4 years
Math	3 years (4 years strongly recommended)
Science	2 years (3 years strongly recommended)
Social Studies	3 years (1 year of World History strongly recommended)

The President's Council also strongly recommends the following courses:

World Language	3 years
Fine & Performing Arts	2 years
Computer Literacy	1 year

NCAA REQUIREMENTS TO PLAY DIVISION I COLLEGES/UNIVERSITIES

16 CORE COURSES

Language Arts*	4 years
Mathematics* (Algebra I or higher)	3 years
Science* (1 year of Lab Science)	2 years
Social Studies	2 years

- *One additional year of language arts, mathematics, or natural/physical science
- Four years of additional courses from any of the above areas, world language or non-doctrinal religion/philosophy.
- Check with your counselor for the approved NCAA courses on the NCAA form 48-H.

For more information, please check the Clarkston High School Curriculum Guide at the CHS Counseling website.

GRADING POLICIES AND PROCEDURES

SEMESTER GRADE CALCULATION

A semester grade is calculated as a combination of a straight percentage of the term grade and exam grade. CCS utilizes a general percentage-based grading system that is applied to all assignments (tests, homework, etc.) that determines the semester grades. This percentage system can range from 0 - 100% with corresponding letter grades. Differences in curriculum necessitate that some classes and teachers may utilize different semester grading systems. If alternative grading systems are used, they must be outlined in class syllabi and approved by the building principal.

GRADE POINT AVERAGE

CHS operates on a weighted 4.0 grading scale. The grade point average (GPA) on a report card and transcript includes all courses taken. If students have enrolled in Advanced Placement courses, equivalent International Baccalaureate courses, or 5th year World Language courses, weighted grade points will be assigned. *Note: 9th and 10th grade honors classes do not qualify for weighted courses. Please refer to the course descriptions to find which courses are weighted. Only semester grades are used for calculating GPA.*

GRADING SCALE (UNWEIGHTED)

A =	92.5-100 =	4.0
A- =	89.5-92.4 =	3.7
B+ =	86.5-89.4 =	3.4
B =	82.5-86.4 =	3.0
B- =	79.5-82.4 =	2.7
C+ =	76.5-79.4 =	2.4
C =	72.5-76.4 =	2.0
C- =	69.5-72.4 =	1.7
D+ =	66.5-69.4 =	1.4
D =	62.5-66.4 =	1.0
D- =	59.5-62.4 =	0.6
E =	0-59.4 =	0.0

Students who fail a semester class through the attendance policy or achieve less than a total semester average of 59.5% are still eligible to gain credit in that class if they receive a 78% or above on the final exam for that class. The student will receive a letter grade of "F".

GRADING SCALE (WEIGHTED)

A	5.0
A-	4.7
B+	4.4
B	4.0
B-	3.7
C+	3.4
C	3.0
C-	2.7

D+	2.4
D	2.0
D-	1.6
E	1.0

TRANSCRIPT INFORMATION

High School courses completed prior to 9th grade: Students who have completed courses that meet the MMC curriculum benchmarks for high school level courses prior to 9th grade will earn credit for the course. The course grade will be reflected on the high school transcript, and a letter grade will be given. The letter grade will not be factored into the high school GPA. Only courses completed in grades 9-12 will be used toward GPA calculation.

Transfer in credits: Students who earn credit outside of the Clarkston Community School district may transfer those credits into CHS, provided that the credits earned elsewhere are reflected on an official transcript from an accredited institution. The letter grade earned in the course transferred in will be calculated into the Clarkston High School GPA.

Course retake: If a student is retaking a course for grade improvement, the original grade will stay on the transcript. The new grade will be reflected in addition to the original grade after completion of the course. Per student request, the original grade can be removed from the calculated GPA. ***NOTE: For grade improvement purposes, classes MUST be of the same title as the original course (ie: Honors Algebra II - must retake Honors Algebra II; CSMTech Geometry - must retake CSMTech Geometry)

Pass/fail courses: Courses in which a traditional letter grade is not given will be reflected on the transcript as an S (Satisfactory) or a U (Unsatisfactory). These grades are not used in the calculated GPA.

Incomplete: Students who earn a grade of Incomplete “I” will be given two weeks after the end of the semester to make up any missing work/exams. If the work is not made up in the allotted time, the grade will be changed to an E.

TESTING OUT OF A CLASS

Clarkston Junior High students, with the guidance of the counseling department, may prepare to "test out" of a class. Students may use this option to customize their junior high school education or recover lost credit. See our website for more information.

- “Test Out" forms are available on the CJHS website under “Counseling”. Testing will take place two (2) times per school year. (August and December)
- Length of test period to be determined based on subject area, course, and test items needed to indicate mastery.

- All 8-9 students are eligible to participate in the "testing out" program.
- Successful testing out of a class will give credit toward graduation. When a successful level (C+/78% or higher) is accomplished, students will be allowed to advance in course sequence. Courses will appear on the transcript as tested out.
- CJHS will enforce all other rules as they pertain to P.A. 335 of 1993 – see section 1279b (MCL).
- The assessment for testing out must be used for the testing proficiency in the course. The assessment may include one or more of the following examples: written test, oral test, portfolio, project, etc.
- In order to test out, students must have knowledge of the subject matter. Requests for textbooks and/or study materials will be made by the student to the test out coordinator (if available).
- Honors and “IB” courses may not be tested out of. These classes are taught with the ideals and philosophies of the International Baccalaureate Programme, which may not be reflected on the test-out itself.

SUMMER SCHOOL PROGRAMS

CJHS students may enroll in a summer school program with written approval from their counselor and/or administrator. Students need to enroll prior to the end of the school year so they are able to get counselor approval for the courses needed. Summer school - the counselors are not in their offices after the end of the school year. The counselors will have summer school materials after the first of May pertaining to calendar, actual meeting dates, course offerings, registration information, and fees. All courses must be approved by a counselor or administrator.

REQUESTS FOR SCHEDULE CHANGES

All decisions regarding class choices should be carefully thought through as changes are not permitted except for extenuating circumstances.

Schedule changes are limited to conflicting classes, an incomplete schedule, class failure, and changes due to summer school or Test Out. Please note that Clarkston Junior High School operates under a student-driven scheduling system and therefore schedule changes due to personal requests are difficult to accommodate.

If a student believes that a scheduling change is necessary due to unusual circumstances, a schedule change request form can be found on the CJHS website under “Counseling”.

In addition, year long classes cannot be dropped at the end of the semester as this is a year long commitment. CJHS does not support requests for a specific teacher.

MICHIGAN CAREER PATHWAYS

Career Pathways are broad groups of careers that share similar characteristics and whose employment requirements call for many common interests, strengths and competencies.

Michigan has six Career Pathways:

Arts & Communication
Careers related to humanities, and the performing, visual, literary and media arts

Business, Management, Marketing & Technology
Careers related to all aspects of business including accounting, business administration, finance, information processing, and marketing

Engineering/Manufacturing & Industrial Technology
Careers related to technologies necessary to design, develop, install, or maintain physical systems

Health Sciences
Careers related to the promotion of health as well as the treatment of injuries, conditions, and disease

Human Services
Careers in child care, civil service, education, hospitality, and the social services

Natural Resources & Agriscience
Careers related to natural resources, agriculture, and the environment

a = arts and communications
b = business and management
e = engineering and industrial
n = natural resources
s = health services
h = human services & public administration

MICHIGAN MERIT CURRICULUM

The Michigan Merit Curriculum defines a common set of required credits for graduation and provides educators with a common understanding of what students should know and be able to do for credit. It also provides students the learning opportunity, knowledge and skills they need to succeed in college or the workplace. Clarkston Schools has a variety of course offerings which meet the standards of the Michigan Merit Curriculum including our standard course work, Advanced and Advanced Placement course work.

Core Requirements
Students may elect to use a successfully completed Career and Technical Education course of study to fulfill core graduation requirements. By completing the entire course of study, students may elect to fulfill:

- one required World Language graduation requirement
- the required Science elective requirement
- both required World Language and Science elective requirements.

Students will not earn Science or World Language credits. They can choose to let their CTE program credits fulfill those graduation requirements. Students can fill out a Science/World Language Graduation Requirement Exchange form in the high school counseling office at the completion of the CTE program.

CHS has the following state-approved courses of study:

- Accounting
- Computer Programming
- Computer and Network Technology
- Web Design
- Education
- Drafting and Design
- Mechanical Engineering
- Marketing

Both CHS & RHS have the following state-approved courses of study:

- Business Administration Management and Operations
- Radio and TV Broadcasting

Computer Science is now a state-approved Science elective credit. Students at CHS can choose from AP Computer Science Principles, or AP Computer Science.

ADVANCED STUDIES RECOGNITION

Criteria:

The Clarkston Community Schools Advanced Studies Recognition is designed for students who wish to participate in a minimum of six rigorous, challenging academic courses based on our 5.0 grading scale during their time at Clarkston High School. Eligible candidates will receive recognition at the end of their senior year.

Process:

It is the responsibility of **students and parents to schedule the necessary courses in order to receive the advanced studies recognition.**

Transcripts for all senior students will be reviewed during semester two of senior year. Names of all eligible students will be shared with the principal's office in preparation for graduation and the commencement ceremony.

Curriculum Requirements:

Demonstrated academic ability with a **minimum grade of 3.0 in any of the 6 courses** listed below:

AP English Language and Composition (11th grade)
AP Literature and Composition (12th grade)
IB1 English HL (11th grade)
IB2 English HL (12th grade)

AP Biology
AP Chemistry
AP Physics
AP Environmental Science
IB1 Biology HL (11th grade)
IB2 Biology HL (12th grade)
IB1 Chemistry HL (11th grade)
IB2 Chemistry HL (12th grade)
CSMTech AP Biology
CSMTech AP Chemistry
CSMTech AP Physics

French V
German V
Japanese V
Spanish V
IB2 French SL (12th grade)
IB2 German SL (12th grade)

AP US History
AP Government
AP Microeconomics
AP Macroeconomics
AP World History
AP European History
AP Psychology
IB Psychology SL
IB1 History HL (11th grade)
IB2 History HL (12th grade)

AP Statistics
AP Calculus AB
AP Calculus BC
IB Math Analysis & Approaches SL (12th grade)
CSMTech AP Calculus AB

AP Computer Science Principles
AP Computer Science
IB Music Theory

IB2 Japanese SL (12th grade)
IB2 Spanish SL (12th grade)

Select Dual Enrollment courses as approved by CHS Administration

INTERNATIONAL BACCALAUREATE (IB) PROGRAM

The International Baccalaureate organization was founded in 1968 and currently works with 4,267 schools around the world . Students enrolled in the IB Diploma Programme are involved in a demanding international curriculum that encourages divergent learning. Students share academic experiences which emphasize critical thinking and intercultural understanding. IB programmes promote the education of the whole person, emphasizing intellectual, personal, emotional, and social growth through all domains of knowledge. The curriculum coincides with state and national requirements. Students interested in earning the IB Diploma, in addition to the Clarkston Community Schools' Diploma, enter the two-year programme as a high school junior.

In order to prepare students who may be interested in this Diploma Programme, Clarkston Junior High offers honors courses which are taught in the IB format and philosophy. This will allow students with an interest in the IB Programme to be clustered together in the four core content areas and still be able to take their electives from the general course selections available to all students. After completion of their sophomore year, all interested students will be invited to apply to the IB Programme at the high school. By selecting this preparatory coursework at the junior high, it does not commit you to the Programme; you may change your mind each year. It also does not guarantee admittance to the IB Programme; all students will be required to complete the high school's application procedure prior to their junior year.

IB Program Prerequisites
Students interested in applying to the International Baccalaureate Program in their junior year of high school are recommended to have completed three years of world language and required to have completed Algebra I, Geometry, and Algebra II by the end of their sophomore year. Additionally, "Honors" and "IB" courses are not eligible for test out; courses must be taken and completed in their entirety.

Advanced Placement Courses

Advanced Placement (AP) courses are courses that are created by The College Board that offer students a college level curriculum while still in high school. Typically AP classes are taken in grades 11 and 12. AP courses can help students acquire the skills and habits they'll need to be successful in college. AP courses help students improve their writing skills, sharpen problem- solving abilities, and develop time management skills, discipline, and effective study habits. Students enrolled in AP courses are encouraged to sign up for the AP exam given at the end of the school year. Students who score well on the AP exam can potentially earn college credit and/or advanced standing in courses once they enroll in college. Students considering AP courses in high school should meet with their counselor to discuss the course's workload and any preparation they might need. Clarkston High School offers AP courses in many different subject areas.

CLARKSTON SCIENCE, MATHEMATICS, & TECHNOLOGY ACADEMY (CSMTECH)

CSMTech was founded in 1994, with 30+ years of growth and development. It is a science, mathematics, and technology academy (STEM program) where learning is celebrated! The students apply in the 8th grade to commit to the four-year program. It is an integrated program with acceleration within the courses, allowing students to apply their knowledge through project-based learning opportunities. Students learn technology tools in the 9th and 10th grades, carrying them through the four-year program. The math and sciences are taught in an integrated curriculum, demonstrating real-world applications and connections. Students who attend this program are excited about math and science and love the atmosphere that "learning is fun."

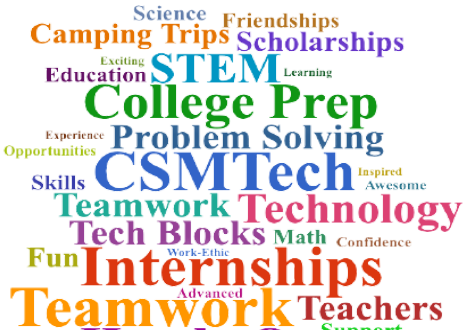
The CSMTech Curriculum:
The material is taught in a collaborative setting which encourages help from teachers as well as fellow students. Activities/labs often follow-up or initiate learning in the classroom, allowing the students to apply the material to the real world. It is more than a Science, Mathematics and Technology program, it is an environment, a culture and a family. The result being a deeper understanding of “when are we ever going to use this?”

Science: Over the four years, the science curriculum unifies concepts in earth science, physics, chemistry, and biology. Capstone classes include AP Biology, AP Chemistry, and AP Physics.
Mathematics: Over the four years, the math curriculum consists of geometry, algebra, trigonometry, probability, statistics, calculus, and problem-solving. The capstone class is AP Calculus AB.
Technology: The 9th &10th grade CSMTech technology curriculum each consists of 5-6 discovery units aligned with the career focused pathways. These technologies will provide the students the necessary tools to present concepts/content throughout their four years of the program, while discovering career choices. CSMTech depends on the students learning these technologies for future classes. The 11th and 12th graders have a 5-week long Technology Block in which they can choose from a variety of intensive technology classes. Each student is encouraged to participate in an internship prior to graduation (through their Tech Block).

CSMTech alumni have attended a variety of reputable universities including: Kettering, U of M, MTU, MSU, MIT, RIT, Purdue, Cornell, WPI, and Embry Riddle. The program has graduated many engineers, doctors, orthopedic surgeons, veterinarians, computer and robotics engineers and computer scientists as well as teachers!

CSMTech Benefits include:

- Students experience connections between math/science and technology
- Teamwork expectation where students work together to increase communication skills and group interaction skills
- Problem solving expectations yielding great thinkers and academic risk takers
- Time management skills that transfers to their other studies
- Whole-student learning including enhancement/enrichment days, mindfulness, growth mindset



- Mathematics software enhances student learning
- Final exams are based on real world problems connecting math/science
- Students attend from other districts (school of choice students attending)
- Personal, student-centered, blended, hands-on learning environment
- Cohort of students lasting four years
- State of the art technology
- Technology enhancing connections and career focused opportunities
- Every student is assigned a Mac laptop and Adobe Suite for school/Tech assignments

CSMTech requires its students to be **responsible learners** with a **great work ethic**. Students attending should have a **positive attitude** toward learning, completing assignments fully and on time, as well as the **desire to learn.** The student should also be accustomed to working with other students in groups where many of the projects and assignments are based on **teamwork.**

CSMTECH Program Curriculum Requirements

9th Grade Course of Study

CSMTech Geometry
CSMTech Advanced Biology
CSMTech Tech Tools 1

10th Grade Course of Study

CSMTech Algebra 2
CSMTech Tech Tools 2
CSMTech Chemistry

11th Grade Course of Study

CSMTech Pre-Calculus
CSMTech Physics
CSMTech BioChem Technology
CSMTech AP Physics C
CSMTech AP Biology
CSMTech AP Chemistry
Internships
A+ Certification Tech
Multimedia Marketing Tech
AP Chemistry Lab Tech
Anatomy & Dissection
Science Topics Tech
Programming Tech

12th Grade Course of Study

CSMTech Physics
CSMTech BioChem Technology

CSMTech AP Calculus AB
CSMTech AP Physics C
CSMTech AP Biology
CSMTech AP Chemistry
Internships
A+ Certification Tech
Multimedia Marketing Tech
AP Chemistry Lab Tech
Anatomy & Dissection
Senior Digital Portfolio Tech
Science Topics Tech
Programming Tech

CAREER & TECHNICAL EDUCATION (CTE) IMMERSION PROGRAM

The Career and Technical Education program at Clarkston Community Schools offers benefits for all students ranging from providing a contextual environment for developing high-level academic skills, to providing specific industry certification or post-secondary credit in an occupational field. Career and Technical Education offers education benefits to students pursuing careers requiring specific technical skills, as well as providing a strong foundation for those pursuing a traditional four-year (or more) degree. It is an integral component of the total education mission, contributing to the goals of high academic achievement, student retention and motivation, and the development of general workplace and life skills. The Clarkston Community Schools Career Immersion Program is designed for students who wish to participate in a specific career pathway that will lead to a Career Diploma Endorsement at the end of their senior year.

CTE Program Requirements
Students must maintain a 3.00 overall GPA as well as a 3.00 GPA in career pathway courses to be eligible to stay in the program and receive the diploma endorsement. Applicants must meet all course prerequisites.

Criteria for Student Selection

Entering 9th through 12th grade students who have demonstrated:

- An interest in problem solving
- Responsible, self-directed learning capacities
- An ability to work in an active cooperative learning environment
- Strong academic ability in the core curriculum.
- Evidence of 8th grade language arts and math competency (to meet grade level expectations).

Current Clarkston High School students can apply at any time using the Application found on the Clarkston Schools' website.

Clarkston Junior High School Curriculum Guide (Grades 8-9)

Eighth grade CTE courses create a good foundation to enter the CTE program. However, the 8th grade CTE courses do not count as credit towards the completion of a Career Diploma Endorsement.

*The courses and sequencing listed below are subject to change and may be limited based on individual scheduling requirements and how they align with hours of availability of each course.

Business Administration Pathway - Grades 8-12

8th Grade – ½ Credit:
Business Apps and Game Design - ½ Credit

9th Grade – Choice of ½ Credit from the following:
Business Apps and Game Design - ½ Credit
Business Management - ½ Credit

10th Grade – Choice of 1 Credit from the following:
Business Management -½ Credit
Entrepreneurship ½ Credit
Building Wealth - ½ Credit*
Accounting 1*
Marketing 1*

11th Grade – Choose from 1 of 4 Advanced Business Options:
Business Management ½ Credit
Entrepreneurship ½ Credit
Accounting 1*
Marketing 1*
Business Related Work Based Learning*

12th Grade – Choose from 1 of 4 Advanced Business Options:
Business Management ½ Credit
Entrepreneurship ½ Credit
Accounting 2*
Marketing 2*
Business Related Work Based Learning*
*These courses may only be taken if Business Management and Entrepreneurship are completed

Marketing Pathway - Grades 8-12

8th Grade – Choice of ½ Credit from the following:
Business Apps and Game Design - ½ Credit

9th Grade – Choice of ½ to 1 Credit from the following:
Business Apps and Game Design - ½ Credit
Marketing 1

10th Grade – Choice of 1 Credit from the following:
Marketing 1
Marketing 2

11th Grade – Choice of 1 Credit from the following:
Marketing 1
Marketing 2
Business Management ½ Credit*
Entrepreneurship ½ Credit*
Accounting 1*
Marketing or Business Related Work Based Learning*

12th Grade – Choice of 1 Credit from the following:
Marketing 2
Business Management ½ Credit*
Entrepreneurship ½ Credit*
Accounting 1*
Building Wealth ½ Credit*
Marketing or Business Related Work Based Learning*
*These courses may only be taken if Marketing 1 and 2 are completed

Finance Pathway - Grades 8-12

8th Grade – Choice of 1 Credit from the following:
Business Apps and Game Design - ½ Credit

9th Grade – Choice of 1 Credit from the following:
Business Apps and Game Design - ½ Credit
Accounting 1

10th Grade – Choice of 1 Credit from the following:
Building Wealth - ½ Credit
Accounting 1
Accounting 2

11th Grade – Choice of 1 Credit from the following:
Accounting 1
Accounting 2
Business Management ½ Credit *
Entrepreneurship ½ Credit *
Building Wealth - ½ Credit*
Finance Related Work Based Learning*

12th Grade – Choice of 1 Credit from the following:
Accounting 2
Building Wealth - ½ Credit*

Business Management ½ Credit *
Entrepreneurship ½ Credit *
Finance Related Work Based Learning*
*These courses may only be taken if Accounting 1 and 2 are completed

Computer & Information Sciences & Support (Computer Science) Pathway - Grades 8-12

8th Grade – Choice of 1 Credit from the following:
Business Apps and Game Design - ½ Credit
Industrial arts and Media Technology - ½ Credit
Engineering and Training Principles - ½ Credit

9th Grade – Choice of 1 Credit from the following:
Business Apps and Game Design - ½ Credit
Industrial arts and Media Technology - ½ Credit
Engineering and Training Principles - ½ Credit
AP Computer Science Principles - 1 Credit
Computer Networking (PC Tech) - ½ Credit
Web Design I - ½ Credit

10th Grade – Choice of 1 Credit from the following:
Computer Networking (PC Tech) - ½ Credit
Computer Networking (Networking) - ½ Credit
Computer Networking (Security) - ½ Credit
Web Design I - ½ Credit
Web Design II - ½ Credit
AP Computer Science Principles - 1 Credit

11th Grade – Choice of 1 Credit from the following:
AP Computer Science A
Intro to Programming (APCS Principles)
Computer Networking (PC Tech)
Computer Networking (Networking)
Computer Networking (Security)
Web Design I
Web Design II
Computer Related Work Based Learning*

12th Grade – Choice of 1 Credit from the following:
AP Computer Science A
Computer Networking (Networking)
Computer Networking (Security)
Web Design II
Computer Related Work Based Learning*

*These courses may only be taken if either APSC Principles, Web Design 1 and 2, or Networking (PC Tech) and

Networking (Net Tech) have been completed

Construction Tech Pathway - Grades 8-12

8th Grade – 1 Semester :
Industrial Arts and Media Tech

9th Grade – Choice of 1 Credit from the following:
Construction Tech 1

10th Grade – Choice of 1 Credit from the following:
Construction Tech 1
Construction Tech 2

11th Grade – Choice of 1 Credit from the following:
Construction Tech 1
Construction Tech 2
Construction Tech 3*
Construction Related Work Based Learning*

12th Grade – Choice of 1 Credit from the following:
Construction Tech 2
Construction Tech 3*
Construction Related Work Based Learning*
*These courses may only be taken if Construction Tech 1and 2 are completed

Engineering Pathway - Grades 8-12

8th Grade – Choice of 1/2 Credit from the following:
Engineering and Training Principles - ½ Credit
Industrial Arts and Media Tech - ½ Credit

9th Grade – Choice of 1 Credit from the following:
Engineering and Training Principles - ½ Credit
Industrial Arts and Media Tech - ½ Credit
Architecture 1 - ½ Credit
Mechanical Engineering 1 - ½ Credit

10th Grade – Choice of 1 Credit from the following:
Interior Design -½ Credit
Architecture 1 -½ Credit
Architecture 2 -½ Credit
Mechanical Engineering 1 -½ Credit
Mechanical Engineering 2 -½ Credit

11th Grade – Choice of 1 Credit from the following:
Interior Design -½ Credit

Architecture 1 -½ Credit
Architecture 2 -½ Credit
Mechanical Engineering 1 -½ Credit
Mechanical Engineering 2 -½ Credit
Civil Engineering & Architecture 1 Credit*
Engineering Graphics 1 Credit*
Engineering Related Work Based Learning*

12th Grade – Choice of 1 Credit from the following:
Interior Design -½ Credit
Architecture 1 -½ Credit
Architecture 2 -½ Credit
Mechanical Engineering 1 -½ Credit
Mechanical Engineering 2 -½ Credit
Civil Engineering & Architecture 1 Credit*
Engineering Graphics 1 Credit*
Engineering Related Work Based Learning*
*These courses may only be taken if either Arch 1 and 2 or Mech Eng 1 and 2 are completed

Education and Family and Consumer Science Pathway - Grades 8-12

8th Grade – 1/2 Credit:
Business Apps and Game Design - ½ Credit
Engineering and Training Principles - ½ Credit

9th Grade – 1/2 Credit:
Business Apps and Game Design - ½ Credit
Engineering and Training Principles - ½ Credit

10th Grade – Choice of 1 Credit from the following:
Child Development - ½ credit
Nutrition - ½ credit
Education Practicum A - ½ credit
Family Studies - ½ credit
Human Relations - ½ credit

11th Grade – Choice of 1 Credit from the following:
Child Development - ½ credit
Education Practicum A - ½ credit
Education Practicum B - ½ credit
Nutrition - ½ credit
Teacher Education Work Based Learning - 1 credit*

12th Grade – Choice of 1 Credit from the following:
Child Development - ½ credit
Education Practicum A - ½ credit

Education Practicum B - ½ credit
Nutrition - ½ credit
Teacher Education Work Based Learning - 1 credit*
*These courses may only be taken if Child Development and Edu Prac A&B are completed

Specific course minimum prerequisites and descriptions:
Each course's prerequisites as well as a detailed outline (Scope and Sequence) of the course's curriculum can be found in our catalog of courses on the CHS Career and Technical Education website:https://sites.google.com/a/clarkston.k12.mi.us/chs_cte/home

WOLF TIME

Wolf Time is a class that all students participate in bi-weekly. The tenets of the program include supporting students' ability to improve upon real world skills essential for success. Themes woven into the class include: digital citizenship, academic and executive skills, life goals, personal integrity, service to others, health and mindfulness, and self awareness. Wolf Time helps empower students to help themselves and others.

DUAL ENROLLMENT

Effective April 1, 1996, Public Act 160 created the Postsecondary Enrollment Options Act, commonly referred to as Dual Enrollment. This law directs school districts to assist eligible high school students in paying tuition and fees for post secondary courses of education at Michigan public or private colleges or universities, if all of the following conditions are met:

1. Students are actively enrolled in at least one high school class in the school district and not beyond four years.
2. An eligible course for dual enrollment is one that is not offered by the school district, or that is offered by the school district but is determined by the governing board not to be available to the student because of a scheduling conflict beyond the student's control.
3. "Not available due to a scheduling conflict" is defined as:
   a. A scheduling conflict that exists between two core courses,
   b. A scheduling conflict exists between a core and an elective course in which the student has established an ongoing academic history in the elective program and/or a post-secondary educational plan has been established in the elective area. Students would then take the elective course at CHS, and Dual Enroll for the core class. c. A scheduling conflict exists due to a student's IEP.
4. The college courses cannot be a hobby, craft, or recreation course, or in the subject areas of physical education, theology, divinity, or religious education.
5. Students must be enrolled in both the school district and post-secondary institution during the local school district's regular academic year.

6. Students can qualify for dual enrollment by taking one of the following assessments and receiving a qualifying score: PSAT, SAT, ACT PLAN, ACT, or MME
7. Dual Enrollment is only allowed at Michigan postsecondary institutions.

School districts are required to pay the lesser of:

1. The actual charge for tuition, mandatory course fees, materials fees and registration fees; or
2. That state portion of the students' foundation allowance, adjusted to the proportion of the school year they attend the post-secondary institution.

If you believe you are eligible for dual enrollment and wish to participate; review and complete the following Dual Enrollment Paperwork: CHS Dual Enrollment Qualification Form

CLARKSTON VIRTUAL: ONLINE & BLENDED LEARNING

Clarkston Virtual was developed to provide families with choice in their child's education. Traditional public schooling isn't for everyone. No two students are the same. At Clarkston Virtual we embrace the fact that every student is original, and has their own unique learning style. We also know that every student has a past, a story, and a bright future ahead of them. Clarkston Virtual offers students the opportunity to work at their own pace, on their own time schedule, from the comfort of their own home. Families have found that Clarkston Virtual students benefit from the additional flexibility of being able to work around their extracurricular activities, jobs/internships or other outside interests. Clarkston Virtual students can work virtually from anywhere in the world.

Our VISION: to deliver high quality, innovative K-12 education today, in order to create tomorrow's leaders.

Our MISSION: to provide K-12 students with flexible and rigorous virtual learning opportunities using innovative technologies, well-rounded curriculum(s), and an individualized educational delivery that will help them acquire the knowledge and skills necessary for future success.

Our PHILOSOPHY: Clarkston Virtual helps students meet their fullest potential by working in partnership with families to provide rigorous virtual education that is CCS teacher-mentored and tailored to meet the needs of students from all academic backgrounds. Clarkston Virtual provides students with a top-notch education and maintains valuable family relationships based on the shared belief that the student always comes first.

The choice is available for parents to request that their students(s) in grades K-12 be enrolled in virtual learning. Students in grades K-12 may choose complete (full day) online schooling or individual courses. Clarkston Community schools utilize the following curriculum providers for full-time students as well as students taking a portion of their classes virtually:

- Lincoln Learning

    - Lincoln Learning K-5 Course Catalog
- Pearson Connexus
    - CCS Pearson 6-8 Course Catalog
    - CCS Pearson 9-12 Course Catalog
- Michigan Virtual
    - Course Catalog

Please visit the Clarkston Virtual website if you have any additional questions about online learning opportunities. If you would like to further discuss the online option, please contact Suzie Miller, Supervisor of Special Programs at 248.623.5440.

ENGLISH LANGUAGE ARTS

8TH GRADE ENGLISH LANGUAGE ARTS (2 SEMESTERS)
This year-long course will allow students to further develop their reading, writing, and thinking skills. Students will practice their writing skills in informational, literary essay, and argument writing units. Other units of study include narrative reading and writing, historical fiction, short fiction stories, and science fiction genres. Students will practice close reading skills and independently read throughout the year. Students will use research and informational writing skills to create an information project. **Prerequisite: None**

8TH GRADE HONORS ENGLISH LANGUAGE ARTS (2 SEMESTERS)
In Honors English 8, students will cover an array of texts which will challenge them to find thematic meaning, make connections, formulate claims, and participate in classroom discussion and debate. Discussion is an important component of Honors English 8. Students are expected to participate in all discussions, both formal and informal. Throughout the course of the year, students will examine, interpret, analyze and engage with various genres, e.g., Science Fiction, Narrative Poetry, Realistic Fiction, Science Fiction, and Historical Fiction. Students will produce an array of written composition pieces, including, but not limited to: narrative poems, literary analysis essays, book club analysis projects, informational passion projects, research projects, and opinion editorials. Students will also be expected to explore various independent reading genres, while completing multiple book challenges. Students are encouraged and expected to be highly motivated, engaged, innovative, compassionate, and collaborative. **Prerequisite: 7th Grade SMS ELA process, teacher recommendation**

9TH GRADE ENGLISH LANGUAGE ARTS (2 SEMESTERS)
This year-long course will assist students in strengthening their reading, writing, and thinking skills through careful study of novels, the short story genre, the essay, and argument writing. Heavy emphasis will be placed on the writing process, especially in the argument and literary analysis essay genre and developing their skills in sentence structure and proofreading to create a solid foundation for high school writing. Students will explore a collection of short stories as well as writing in the genre, personal narrative genre, poetry, classic fiction novels, as well as an independent novel study, and study of Shakespearean tragedy. Students will strengthen their mechanics

in writing with a study of sentence structure and proofreading skills. **Prerequisite: None**

9TH GRADE HONORS ENGLISH LANGUAGE ARTS (2 SEMESTERS)
This course prepares students for the demands of the entire International Baccalaureate Program, specifically IB English, and the Advanced Placement (AP) program. Students will have the opportunity to experience both rigorous programs offered to them in their junior year at CHS. Students who take this course should be interested in becoming better readers, writers, speakers, and thinkers. Students will actively participate in class and group discussions, individual speeches and presentations, projects, research, and creative writing. Students will develop their understanding and analysis of the effects of literary features and their ability to express themselves in formal persuasive writing and literary analysis. Students will be asked to think about the various course texts more deeply and widely than previously expected and consider texts of a higher reading level. Students will explore a universally themed short story, narrative collection, college essay examples and their respective writing genres, various challenging and award-winning novels of choice, classic novels, and Shakespearean tragedies. Students will strengthen their mechanics in writing by studying sentence structure, word choice, and proofreading skills. This course's learner profile includes inquiring students, risk-takers, thinkers, reflectors, communicators, collaborators, enthusiastic, motivated, and compassionate.
Prerequisites: All current Honors students must currently have a 'B+' average AND obtain the recommendation of their Honors ELA 8 teacher. All current ELA 8 students must maintain at least an 'A-' average AND obtain the signatures of their ELA 8 teachers. Summer reading novel, project and CJHS Honors Language Arts application required.

PROJECT-BASED LEARNING ENGLISH LANGUAGE ARTS (2 SEMESTERS)
Project-Based Learning, or PBL, is a teaching method in which students gain knowledge and workplace skills by investigating and responding to an authentic, engaging, and complex question, problem, or challenge. This class will be run in conjunction with the 8th and 9th Grade PBL U.S. History classes and covers the same standards and expectations as the traditional ELA class. Students in these classes will work individually and collaboratively in teams to build understanding around big questions that exist throughout different eras of U.S. History and to connect those ideas to our world today. These classes will focus on providing students with the skills to think critically about complex issues, to critique others in a respectful and helpful manner, and to receive critical feedback and complete revisions accordingly. Successful students in this class will possess a strong work ethic, a willingness to work with others, and a curiosity for new and different ways to learn. **Prerequisite: Google Form Application. Co-Requisite: Must also be enrolled in PBL U.S. History. Grades Taught: 8, 9**

YEARBOOK (1 OR 2 SEMESTERS)
Students write, design, manage, and fund the yearbook for the current academic year. The student is expected to develop proficiency in basic journalistic writing, design, and photojournalism. 1/2 credit may be applied as English credit toward graduation for 9th grade students. Students may repeat this class for additional elective credits. Students may be required to do work beyond the school day. (May not be viewed by colleges as English credit.)
Prerequisite: Digital Application and one teacher recommendation (current ELA teacher). Interview for an editor position. Grades Taught: 8, 9

DIGITAL JOURNALISM (1 OR 2 SEMESTERS)
Come join the staff of the digital newspaper and explore the world of scholastic journalism. As a reporter, you'll cover a wide variety of school events, sports, and the diverse student body at CJHS. It's an exciting and

challenging class, and we're looking for strong writers who want to see their writing published and read by fellow students. Note: This class may be taken multiple times. (May be viewed by colleges as an elective credit if taken in 9th grade.) **Grades Taught: 8, 9**

MATHEMATICS

It is recommended that students have a calculator for all math courses. When purchasing a calculator, Clarkston recommends a TI-84 Plus calculator. When deciding which calculator to purchase, there are two factors to consider:

1. **Calculator Model:** There are lower cost calculators available to purchase compared to the TI calculators, however, the different brands of calculators do not all operate the same (think PC vs MAC) and even the different calculators within the same brand can be different. It is difficult for all teachers to be fluent in the use of all types of calculators. Clarkston teachers are most familiar with the TI-84 family of calculators. Currently, there are also many more resources online to help you in the use of a TI calculator. If you choose a different calculator, your student should be comfortable with using a manual or searching online for resources to help with the use of the calculator. There are a limited number of calculators available for checkout from your school's media center until you are able to obtain your own.

2. **Standardized Testing:** Not all calculators are approved for use on all standardized tests such as the ACT, SAT, AP, IB, and others. It can be helpful for a student to use the same calculator on a standardized test the student is already familiar with. For a quick listing of which calculators are allowed on certain standardized tests, you can visit the guide published by Texas Instruments at education.ti.com/en/us/solutions/test-preparation-tools/tabs/test-prep. For a complete listing of approved calculators, visit the website for the standardized test you are interested in.

While not always available to use in class (or on a standardized test), Desmos is a highly recommended online calculator. If you have additional questions regarding the use of calculators, please contact your current math teacher.

MATH 8 (2 SEMESTERS)
This course will address the Grade 8 Michigan K-12 Mathematics Standards. (michigan.gov/mde/services/academic-standards). **Prerequisite: Math 7**

The Number System
- Know that there are numbers that are not rational, and approximate them by rational numbers.

Expressions and Equations
- Work with radicals and integer exponents.
- Understand the connections between proportional relationships, lines, and linear equations.
- Analyze and solve linear equations and pairs of simultaneous linear equations.

Functions
- Define, evaluate, and compare functions.
- Use functions to model relationships between quantities.

Geometry
- Understand congruence and similarity using physical models, transparencies, or geometry software.
- Understand and apply the Pythagorean Theorem.
- Solve real-world and mathematical problems involving volume of cylinders, cones and spheres.

Statistics and Probability
- Investigate patterns of association in bivariate data.

MATH 8B+ALGEBRA 1 (2 SEMESTERS)
This course is a continuation of the Math 7+ course. Math 7+ contained all the Math 7 standards and a portion of the Math 8 standards. This course will address the remaining Math 8 standards and all of the standards for Algebra 1. (See the Math 8 and Algebra 1 course descriptions for specific mathematical content.) Upon completion of this course, the student will earn credit for Algebra 1. A TI-84 Plus graphing calculator is highly recommended for this course. **Prerequisite: 78% or higher in Math 7+**

ALGEBRA 1 (2 SEMESTERS)
This course will address the Algebra 1 Michigan K-12 Mathematics Standards. (michigan.gov/mde/services/academic-standards). A TI-84 Plus graphing calculator is highly recommended for this course. **Prerequisite**: **Math 8**

Seeing Structure in Expressions
- Interpret the structure of expressions
- Write expressions in equivalent forms to solve problems

Arithmetic with Quadratics
- Perform arithmetic operations on quadratics
- Understand the relationship between zeros and factors of quadratics

Reasoning with Equations and Inequalities
- Understand solving equations as a process of reasoning and explain the reasoning

Solve equations and inequalities in one variable and solve systems of equations Interpreting Functions
- Understand the concept of a function and use function notation
- Analyze and interpret functions in different representations and contexts

Building Functions
- Build a function that models a relationship between two quantities
- Build new functions from existing functions

Linear, Quadratic, and Exponential Models
- Construct and compare linear and exponential models and solve problems
- Interpret expressions for functions in terms of the situation they model

Interpreting Categorical and Quantitative Data
- Summarize, represent, and interpret univariate and bivariate data
- Interpret linear models

HONORS GEOMETRY (2 SEMESTERS)
This course will address the Geometry Michigan K-12 Mathematics Standards. (michigan.gov/mde/services/academic-standards). A TI-84 Plus graphing calculator is highly recommended for this course. **Prerequisite**: **Algebra 1 or Math 8B+Algebra 1 with at least a B- average**

Congruence

- Experiment with transformations in the plane
- Understand congruence in terms of rigid motions
- Prove geometric theorems
- Make geometric constructions

Similarity, Right Triangles,and Trigonometry

- Understand similarity in terms of similarity transformations
- Prove theorems involving similarity
- Define trigonometric ratios and solve problems involving right triangles
- Apply trigonometry to general triangles

Circles

- Understand and apply theorems about circles
- Find arc lengths and areas of sectors of circles

Expressing Geometric Properties with Equations

- Translate between the geometric description and the equation for a conic section
- Use coordinates to prove simple geometric theorems algebraically

Geometric Measurement and Dimension

- Explain volume formulas and use them to solve problems
- Visualize relationships between two-dimensional and three-dimensional objects

Modeling with Geometry

- Apply geometric concepts in modeling situations

HONORS ALGEBRA 2 (2 SEMESTERS)
Topics include an extension of major concepts of Algebra I, as well as graphing of functions, polynomial functions, conic sections, logarithms, radicals, complex numbers, and quadratic equations. A TI-84 Plus calculator is highly recommended for this course. TI Voyage 200, TI-89, TI-92, and TI-Nspire CAS (non CAS is permitted) calculators are not permitted. **Prerequisite: Geometry**

CSMTECH

CSMTECH GEOMETRY (2 SEMESTERS)
This college-preparatory advanced course integrates geometry, trigonometry, probability and statistics, calculators, problem solving and applications of mathematics. This course includes a study of basic definitions, postulates, theorems and figures of geometry including points, lines, planes, polygons, circles, parallel and perpendicular lines and planes, constructions, the writing of deductive proofs and algebraic applications to plane and solid geometric figures. The course is taught through the use of labs/activities, calculators, problem solving

and real-world applications with a heavy emphasis placed on methods of problem solving, problem recognition, applications and communication of mathematics. Students will use TI-Nspire CX calculators, and Geogebra as aids in their discoveries and understanding of Geometry concepts. **Prerequisite**: **Algebra 1 and Passing of CSMT placement test, Grade taught: 9**

CSMTECH ALGEBRA 2 (2 SEMESTERS)
This course integrates functions based algebra, transformations, quadratic equations, complex numbers, higher degree polynomials, simplifying rational expressions, and graphing rational functions. The course is taught through the use of labs/activities, calculators, problem solving and real-world applications with a heavy emphasis placed on methods of problem solving, problem recognition, applications and communication of mathematics. **Prerequisite: CSMT Geometry or B or higher in Honors Geometry (or teacher approval), Grade taught: 10**

CSMTECH ADVANCED BIOLOGY (2 SEMESTERS)
This course focuses on advanced biology as a unifying theme with concepts incorporated from biophysics, earth science, ecology, and chemistry. Conceptual themes are integrated with meaningful field and laboratory experiences to develop the student's ability to recognize and solve scientific problems. Emphasis is on the fundamental rules of nature and how they impact their world. On completion of this course, students will be well-prepared for AP Biology. **Prerequisite: Science 8 or equivalent, Grades taught: 9 & 10**

CSMTECH CHEMISTRY (2 SEMESTERS)
This course focuses on chemistry as a unifying theme with concepts incorporated from earth sciences, biochemistry, environmental chemistry, and organic chemistry. Upon completion of this course, students will be well-prepared to take AP Chemistry. **Prerequisite: CSMT Biology or B or higher in Honors Biology (or teacher approval), Grades Taught: 9 & 10**

CSMTECH TOOLS 1 (1 SEMESTER)
This course introduces students to the engineering design process and multimedia computer technology. Students will learn how to better communicate their knowledge by incorporating project design, digital video, presentation tools, and web design into their math and science classes. Projects may include "Me Videos," Rube Goldberg/Catapult Engineering projects, Presentation Techniques, Photoshop, Robotics to name a few. **Prerequisite: None, Grade taught: 9**

CSMTECH TOOLS 2 (1 SEMESTER)
This course is a continuation of Technology 1 and takes the students to a more advanced level and into more detail with the design process and computer software tools to further enable them to communicate effectively in the digital world. Projects include Rube Goldberg/Catapult Engineering projects, Programming, Fathom Dynamic Mathematics Projects, Illustrator and Flash to name a few. **Prerequisite: Tech Tools 1, Grade taught: 10**

SCIENCE

8TH GRADE SCIENCE (2 SEMESTERS)
8th grade science is a required full year course that incorporates an integrated approach to teaching science topics. Students will utilize scientific inquiry and process skills to design and conduct scientific investigations, analyze information, and communicate understanding. This course integrates Earth, and physical science topics. There will be a focus on creating a depth of understanding, integrating scientific and engineering practices, and making connections to the real world. This course supports the Next Generation Science Standards (NGSS)
Prerequisite: None

9TH GRADE BIOLOGY (2 SEMESTERS)
This is a required two term course that covers the foundational concepts of biological science. Topics of study will include biochemistry, cells-structure and function, cell energetics, comparative structure and functions of living things, human systems, homeostasis, ecosystems, population ecology, cell division, protein synthesis, genetics, and evolution. Inquiry skills, organization, and interpretation of data in the laboratory and classroom are an integral part of the course. This course supports the Next Generation Science Standards (NGSS) in these areas. Successful completion of this course fulfills the State of Michigan graduation requirement for Biology.
Prerequisite: None

9TH GRADE HONORS BIOLOGY (2 SEMESTERS)
This two term course will cover the foundational concepts of biological science as mentioned in the above course description for Biology. This course, however, will focus on the philosophical teaching style that will prepare students for the rigors of the International Baccalaureate Programme (www.ibo.org). Students will cover the state mandated core curriculum while developing the thinking and study skills that will prepare them for higher level science courses. Additionally, this course will prepare students for the demands of the Advanced Placement (AP) program. The learner profile for this course includes students who are inquiring, risk-takers, thinkers, reflectors, communicators, collaborators, enthusiastic, motivated, and compassionate. **Prerequisite: B+ in previous science course, course contract including teacher recommendation.**

SOCIAL STUDIES

8TH GRADE U.S. HISTORY/GEOGRAPHY (2 SEMESTERS)
This course will be a comprehensive study of American history from the time of the Revolution through Reconstruction (1763-1900). Areas to be studied include the American Revolution, Constitution, growth of the new republic, Jacksonian Democracy, Westward Expansion, early reform movements, the Civil War, Reconstruction, Westward Expansion, Industrialization, and Immigration. This course will also include an in-depth study of economic, civic, and geographic perspectives as they relate to the individual eras in each time period.
Prerequisite: **None**

9TH GRADE U.S. HISTORY/GEOGRAPHY (2 SEMESTERS)
This course will be a comprehensive study of American History from the late 19th Century to World War II. Areas to

be studied include The Progressive Era, American Imperialism, World War I, the 1920's, the Great Depression, and World War II. The Cold War (including the Korean War, Vietnam, and the Arms Race), social and political change from the 1950s and the 60s, and modern American History. This course will also include an in-depth study of economic, civic, and geographic perspectives as they relate to the individual eras in each time period.
Prerequisite: None

PROJECT-BASED LEARNING U.S. HISTORY & U.S. HISTORY/GEOGRAPHY (2 SEMESTERS)
Project-Based Learning, or PBL, is a teaching method in which students gain knowledge and workplace skills by investigating and responding to an authentic, engaging, and complex question, problem, or challenge. This class will be run in conjunction with the 8th and 9th Grade PBL English Language Arts classes and covers the same standards and expectations as the traditional U.S. History class. Students in these classes will work individually and collaboratively in teams to build understanding around big questions that exist throughout different eras of U.S. History and to connect those ideas to our world today. These classes will focus on providing students with the skills to think critically about complex issues, to critique others in a respectful and helpful manner, and to receive critical feedback and complete revisions accordingly. Successful students in this class will possess a strong work ethic, a willingness to work with others, and a curiosity for new and different ways to learn.
Prerequisite: Google Form Application. Co-Requisite: Must also be enrolled in PBL English Language Arts. Grades Taught: 8, 9.

9TH GRADE HONORS U.S. HISTORY/GEOGRAPHY (2 SEMESTERS)
The Honors U.S. History/Geography class follows a similar path as the other ninth grade history class but is an elective for 9th graders that wish a more challenging academic environment to delve deeper into U.S. History. It is designed for students that wish to connect modern forms of democracy, culture, and conflict to this nation's historical roots. It will examine, in particular, the American Imperialism and Foreign Relations, Progressivism, the Roaring 20s, the Great Depression, the Age of FDR from New Deal to World War II, and the Cold War. In addition, this class covers politics, culture, and society in the 1950s and 60s, the Korean and Vietnam Wars, the rise of New Right, America at the end of the Cold War, Globalization, and America's role as the world's only Superpower. Readings, writing assignments, and research and analysis regarding the United States' geographic, cultural, political, and economic contexts will occur by reading original documents, essays, and books on special themes beyond the textbook which will prepare students for the rigors and expectations of the International Baccalaureate Program and the demands of the Advanced Placement (AP) Program. Students will be challenged to develop deeper understandings, create well- founded opinions, and clearly communicate their thinking.
Prerequisites: B+ or higher in previous Social Studies course with final exam average. Teacher recommendation from previous Social Studies and ELA instructors. Summer project is required; please see your counselor if you have not received information on the project. You must also complete a CJHS Advanced 9th Grade U.S. History contract and entrance essay to participate in the class.

WORLD LANGUAGES

FRENCH I (2 SEMESTERS)
Students will develop communicative skills in listening to, speaking, reading, and writing French. The course will

focus on communication with accuracy in an authentic cultural context. We will do projects that pertain to the topics studied to enhance cultural understanding. Topics we will study include: talking about self (hobbies, likes, dislikes), family, friends, school, weather, numbers and time, sports, pastimes, and going to a café. Students will learn grammar concepts that relate to the topics studied, including how to conjugate present tense verbs. **Prerequisite: None, Grades taught: 8, 9**

FRENCH II (2 SEMESTERS)
Students will broaden their French vocabulary and continue to develop their communicative skills. Students will be introduced to more complex conversational situations and will experience reading longer texts. Students will be introduced to many new grammatical concepts, including the use of the past tense (passé compose), and object pronouns. We will do projects that incorporate French culture and the topics we study. Some of those topics include: vacations, describing people, the house, food, daily routines, and describing what happened in the past. **Prerequisite: Successful completion of Level I course, Grade taught: 9**

GERMAN I (2 SEMESTERS)
German I is an introductory course designed to teach students to understand simple German discourse, both oral and written, relating to self, family, friends, home, school, and pastimes in daily life. Students will speak using familiar phrases in basic, survival-level conversation.Grammar emphasis will focus on correct usage of the present tense. German-speaking culture will also be explored through in-class activities relating to festivals and holidays. **Prerequisite: None, Grades taught: 8, 9**

GERMAN II (2 SEMESTERS)
Students will broaden their German vocabulary and continue to develop their communicative skills. Students will practice and become proficient in more complex grammar usage, including the past tense. Conversational situations and reading texts will become more complex, as students address themes of travel, food, shopping, and hobbies. German-speaking culture will continue to be explored through in-class activities relating to festivals and holidays. **Prerequisite: Successful completion of Level I course, Grade taught: 9**

JAPANESE I (2 SEMESTERS)
Students will be able to discuss greetings, introductions, express likes and dislikes, past and present, nationalities, body parts and health, describe family members and friends with an introduction of home and daily activities in polite conversation. Reading and writing of Hiragana/Katakana will be taught. Historical and cultural aspects of Japanese culture will be explored also. **Prerequisite: None, Grades taught: 8, 9**

JAPANESE II (2 SEMESTERS)
Review of Japanese I with a focus on reading and writing Hiragana, Katakana with an introduction to Kanji. The focus again will be polite dialogue, past and present, used in situations for shopping and describing objects bought, describing their town, times, ordering in a restaurant, asking and granting permission, traveling to Japan, finding their way around, and describing a Japanese home. **Prerequisite: Successful completion of Level I course, Grade taught: 9**

SPANISH I (2 SEMESTERS)
Students will develop communicative skills in listening, speaking, reading and writing Spanish. The course will focus on communication with accuracy in an authentic cultural context. Content covered will include: greetings

and introductions, describing others, family, school, sports, weather, feelings and emotions, free time activities, food and shopping. The foundations of Spanish grammar will be taught and students will learn to conjugate verbs in the present tense. **Prerequisite: None, Grades taught: 8, 9**

SPANISH II (2 SEMESTERS)
Students will broaden their Spanish vocabulary and continue to develop their communicative skills. Students will be introduced to more complex conversational situations and will experience reading longer texts. Content covered will include: getting around town and leisure activities, house and chores, planning a party, sports, health and body parts, technology, travel and places of interest, daily routines and vacation. The grammar covered will be more complex and students will learn to conjugate verbs in the present, preterite and imperfect tenses.
Prerequisite: Successful completion of Level I course, Grade taught: 9

HERITAGE SPANISH C (2 SEMESTERS)

This course is designed for heritage speakers of Spanish to continue building language proficiency in their native language. Students will strengthen their language skills in reading, writing, listening and speaking through the use of authentic materials for native speakers of Spanish. Units will focus on culturally relevant and important topics and themes impacting the Spanish-speaking world. This course will satisfy 1 credit of the World Language graduation requirement, and may be taken for up to 3 years. **Prerequisite: Must be a heritage Spanish speaker, Teacher Recommendation, Grades taught: 8, 9, 10, 11, 12**

PHYSICAL EDUCATION

HEALTH 8 (1 SEMESTER)
A one term required class. Through health education, students will focus on developing and practicing behaviors that have the greatest effect on happiness and health, especially those related to obtaining health services; nutrition; physical activity; violence and injury; alcohol, tobacco and other drug use; abstaining from sexual behaviors that lead to HIV, STIs or unintended pregnancy (developmentally appropriate).
Prerequisite: None, Grade taught: 8

8TH GRADE PHYSICAL EDUCATION (1 SEMESTER)
The eighth grade elective will include Team Sports, Individual Sports, Lifetime Activities, Strength Training, and Wellness Concepts. **Prerequisite: None (Elective), Grade taught: 8**

PERSONAL CONDITIONING (1 SEMESTER)
Instruction in the proper techniques of strength training and personal fitness will be taught. The development of personal work-out routines and goals will be emphasized. **Prerequisite: None (Elective), Grade taught: 8**

PHYSICAL EDUCATION AND HEALTH (1 SEMESTER)
This course includes fundamental instruction in wellness, personal fitness, individual sports, team sports and activities to achieve and maintain a healthy lifestyle. Students will be participating in a variety of physical

activities and sports/games, including, but not limited to: Aerobic Fitness; Fitnessgram testing - entailing curl ups, a pacer evaluation, push ups and a sit and reach evaluation; Air Force Football; Badminton; Eclipse Ball; Flickerball; Floor Hockey; Kickball; Pickleball; Soccer; Speedball; Tennis; Ultimate Frisbee; Volleyball; various PE games. Students will also receive instruction in the Michigan Model Curriculum for Healthy and Responsible Relationships.**This course fulfills the PE/Health graduation requirement. Prerequisite: None, Grades taught: 9, 10, 11, 12 (Graduation Requirement)**

FITNESS & INDIVIDUAL TRAINING (1 SEMESTER)
The student will be exposed to various types of strength training and all components of fitness. Students will be responsible for personal fitness charts. **Prerequisite: None (Elective), Grades taught: 9, 10, 11, 12**

MUSIC AND PERFORMING ARTS

8TH GRADE BAND (2 SEMESTERS)
This class emphasizes the refinement of all musical concepts introduced and begun in middle school such as technique, music reading skills, and musical and stylistic interpretation through playing as an ensemble. Required performances include several yearly concerts, and District and State Festivals. Students are encouraged to play in small ensembles, solo and ensemble festivals, and other performing opportunities. Enrollment in this class will constitute a commitment of the student to participate in all scheduled performances. **Prerequisite: 7th Grade Band/Instructor Permission**

9TH GRADE BAND (2 SEMESTERS)
This class emphasizes the refinement of all musical concepts introduced and begun in the middle school and 8th grade bands such as technique, music reading skills, and musical and stylistic interpretation through playing as an ensemble. Required performances include several yearly concerts, and District and State Festivals. Students are encouraged to play in small ensembles, solo and ensemble festivals, and other performing opportunities. Enrollment in this class will constitute a commitment of the student to participate in all scheduled performances. **Prerequisite**: **8th Grade Band/Instructor Permission**

8TH GRADE ORCHESTRA (2 SEMESTERS)
The Orchestra is comprised of students with experience playing orchestral stringed instruments (violin, viola, cello, or double bass). Students will continue to expand and refine their technique, music reading skills, and musical and stylist interpretation through playing as an ensemble. Required performances include several yearly concerts and District Orchestra Festival. Students are encouraged to play in small ensembles, solo and ensemble festivals, and other performing opportunities in the community. Enrollment in this class will constitute a commitment of the student to participate in all scheduled performances.

Prerequisite: Recommendation/Instructor invitation, Grade taught: 8

9TH GRADE ORCHESTRA (2 SEMESTERS)
The Orchestra is comprised of students with experience playing orchestral stringed instruments (violin, viola, cello, or double bass). Students will continue to expand and refine their technique, music reading skills, and musical and stylist interpretation through playing as an ensemble. Required performances include several yearly

concerts and District Orchestra Festival. Students are encouraged to play in small ensembles, solo and ensemble festivals, and other performing opportunities in the community. Enrollment in this class will constitute a commitment of the student to participate in all scheduled performances.
Prerequisite: Recommendation/Instructor invitation, Grade taught: 9

8TH GRADE CHOIR (2 SEMESTERS)
This is an entry level choir designed for those who enjoy singing and have the desire to investigate music. A wide variety of music will be taught in preparation for advancement into the 9th Grade Choir. Basics of music are taught (note reading, ear training, music symbols, terminology, rhythms, and note values) as well as some music history and related music activities. There are two concerts each semester (dates given at the beginning of the year) and one given M.S.V.M.A. Festival in the second semester. Other performance opportunities may be presented for student commitment throughout the year (Solo & Ensemble, etc.) **Prerequisite: None, Grade taught: 8**

9TH GRADE CHOIR (2 SEMESTERS)
This choir is for students who have demonstrated knowledge through prior experience in choir. A wide variety of music repertoire will be studied and related opportunities given to enhance music knowledge and to prepare for advanced choral ensembles at the high school. There are two required performances per semester (dates given at the beginning of the year) and one given M.S.V.M.A. Festival in the second semester. Other performance opportunities may be presented for student commitment throughout the year (Solo & Ensemble, etc.)
Prerequisite: Instructor Permission, Grade taught: 9

MIXED CHOIR (1 SEMESTER)
This choir is comprised of both 8th and 9th grade male and female students who want to explore singing. This class will focus on learning repertoire to enhance the knowledge and prepare for advancement in the choirs at either CJHS or CHS. Basics of music are taught (note reading, ear training, music symbols, terminology, rhythms, and note values) as well as some music history and related music activities. There are two required performances per semester (dates given at the beginning of the semester) and one given M.S.V.M.A. Festival in the semester.
Place Mixed Choir in your 2nd semester elective slot. Prerequisite: None, Grades taught: 8, 9

INTRODUCTION TO THEATRE ARTS I (1 SEMESTER)
This 8th/9th grade, single semester Clarkston Junior High course is designed to introduce students to basic theatre concepts, specifically emphasizing collaboration and performance skills. One of the primary purposes of this class will be to build self-esteem by helping students to become more comfortable expressing themselves and working with others to create an artistic product in which they take pride. This survey course explores the role of the theatre artist through dramatic exercise, research, written analysis, and hands-on performance-based activities. Students will define, evaluate, and consider the following positions: director, producer, dramaturge, stage manager, designer, technician, playwright, actor, and audience member. The class also encourages the use of elevated vocabulary and language skills, movement and gestures, and vocal variation. **Prerequisite: None, Grades taught: 8, 9**

INTRODUCTION TO THEATRE ARTS II (1 SEMESTER)
This one semester 9th grade course is designed to help beginning high school students further explore theatre concepts, specifically emphasizing collaboration, script writing, and performing. One of the primary purposes of

this class will be to continue to build self-esteem by helping students to become more comfortable expressing themselves and working with others to create an artistic product in which they take pride. This more advanced survey course explores the role of the theatre artist in greater depth through dramatic exercise, research, written analysis and hands-on performance-based activities. Students will further define, evaluate and consider the following positions: director, producer, dramaturge, stage manager, designer, technician, playwright, actor, and audience member. The class also encourages the development of leadership abilities, elevated vocabulary and language skills, movement and gestures, and vocal variation. Introduction to Theatre Arts II students will repeat the same units explored in Introduction to Theatre Arts I. However, the class members will be required to generate contrasting performance products during each unit with the expectation of mastering the skills gained from the previous course. This class will culminate with the mounting and performance of a short ensemble theatre piece, assembled by the class members under the direction of the instructor. **Prerequisites: Student must be of 9th grade status. Student must have successfully completed Introduction to Theatre Arts I with a final grade of B+ or higher. Student must obtain teacher recommendation.**
NOTE: *Exceptions MAY be made for advanced 8th graders, with teacher and administrative approval. (If you are interested in having an exception made, please list Introduction to Theatre Arts II as the first "alternate" on your scheduling card.)*

MARCHING BAND: OPTIONAL PE ELECTIVE (2 SEASONS)
Beginning the 2025-2026 school year, students may earn (.5) PE Elective credit based on a minimum 2 season commitment and successful completion of the outlined curriculum requirements; some of which may take place outside the normal school day / school year. Engagement in a minimum of 90% **of each** of the following:

- Practices - Mondays and Thursdays from 6:00 - 8:30
- Performances - All home football games (Marching Band)
- Competitions - 5 or 6 competitions throughout the season
- Attendance at summer band camp for Marching Band.
  *** Students are responsible for purchasing materials and paying additional costs for this course***

<u>Grading Standards:</u>

- Season 1: Student meets expectations and receives a "P" for participation/No credit.
- Season 2: Successful completion of season 1 requirements. Student meets Season 2 expectations and receives an "S" + .5 PE Elective credit.

Prerequisites: Season 1: Teacher Recommendation; Season 2: Successful completion of Season 1 and Teacher Recommendation, Grades taught: 9, 10, 11, 12

WINTER GUARD: OPTIONAL PE ELECTIVE (2 SEASONS)
Beginning the 2025-2026 school year, students may earn (.5) PE Elective credit based on a minimum 2 season commitment and successful completion of the outlined curriculum requirements; some of which may take place outside the normal school day / school year. Engagement in a minimum of 90% **of each** of the following:

- Practices - Winter Guard season practices are Tuesdays and Thursdays from 6:00 - 9:00
- Competitions - 5 or 6 competitions throughout the season

- Attendance at weekend camps

*** Students are responsible for purchasing materials and paying additional costs for this course***

Grading Standards:

- Season 1: Student meets expectations and receives a "P" for participation/No credit.
- Season 2: Successful completion of Season 1 requirements. Student meets Season 2 expectations and receives an "S" + .5 PE Elective credit.

Prerequisites: Season 1: Teacher Recommendation; Season 2: Successful completion of Season 1 and Teacher Recommendation, Grades taught: 9, 10, 11, 12

VISUAL ARTS

ART 8-I (1 SEMESTER)
Students study the art elements and principles of design, in several different ways (i.e. drawing, painting, design, etc). The student develops basic skills and techniques through the use, experimentation and care with various materials. **Prerequisite: None, Grade taught: 8**

ART INTRODUCTION (1 SEMESTER)
This entry level class focuses on the fundamental knowledge and skill of drawing and design. Students will create two-dimensional projects using a variety of tools, techniques and processes. The art elements will be emphasized. **Prerequisite: None, Grade taught: 9**

ART INTRODUCTION II - 3D EXPLORATION (1 SEMESTER)
This course explores 3-D media including clay, plaster, stone, metal and found objects. Students will learn basic sculptural techniques. Reinforcing the elements of art and introducing the principles of Design. **Prerequisite: Art Introduction, Grade taught: 9**

DRAWING (1 SEMESTER)
This advanced level course emphasizes observation and imagination as a means of creating artwork. Subject matters may include figures/portraits, still life and landscape. Reinforcing the elements of art and introducing the principles of Design. **Prerequisite: Art Introduction, Grade taught: 9**

CAREER CONNECTIONS (CTE)

BUSINESS APPS AND GAME DESIGN (1 SEMESTER)

This is a semester-long project-based experience geared toward using a variety of technology tools to build technology skills and computer literacy, preparing students for success in their educational experience and potential future job opportunities, ultimately promoting lifelong learning experiences and practices. We dive into Google Apps and determine ways to make a business look and feel professional. This course is meant as an introduction to coding. Students will come out of the class with a general understanding of the game design process as well as a foundational knowledge of block programming.
Prerequisite: None, Grades Taught: 8, 9

INDUSTRIAL ARTS & MEDIA TECHNOLOGY (1 SEMESTER)

This career connection course provides students a hands-on (S.T.E.A.M.) based approach. The focal theme of this course is an introduction to the world of construction and woodworking industries, utilizing media/video production as a backdrop to document our project work. Students will navigate the curriculum including: tool usage and safety, project construction, filming and video editing, and architecture and interior design basics. They will also learn to read plans and dimensional drawing to help construct projects.
Prerequisite: None, Grades taught: 8, 9

ENGINEERING & TRAINING PRINCIPLES (1 SEMESTER)

In this hands-on, project-based career connection course (S.T.E.A.M.), students use the Engineering Process to design and test things. Students will be introduced to drafting (hand drawing plans) and CAD software to help design things. Throughout the course, we will utilize common engineering terminology to refer to current projects that are being worked on. Students will design and build their own artifacts of learning using various advanced manufacturing techniques, such as 3D printing, vacuum forming, injection molding, CNC milling, and laser cutting.
Prerequisite: None, Grades taught: 8, 9

CAREER & TECHNICAL EDUCATION (CTE)

CONSTRUCTION TECHNOLOGY I (2 SEMESTERS)

This course is an introduction to construction and related industries. Areas of study include safety, architectural drawings, scale model building, green construction techniques, manufacturing and the use of equipment used in industry. Construction Tech is scheduled in a two class period block. Student's appropriate level ELA is incorporated into the class virtually through Pearson Connexus ELA program. Students are expected to stay on pace with the ELA curriculum. Students are subject to removal from the construction program at the end of the school year for failure of the ELA component. Students must have a Virtual Consent form signed.
Prerequisite: Google Form Application, Grades taught: 9, 10, 11, 12

COURSES OFFERED AT CHS (OPEN TO 9TH GRADE)

9th Grade students can also request to enroll in the following courses during their first period at CHS (transportation provided back to CJHS). Please note, not all courses will be available every year. Placement will be based on seat and schedule availability:

- Accounting 1
- Architecture I
- Business Management
- AP Computer Science Principles
- Computer Network I (PC Tech)
- Marketing & Advertising
- Mechanical Engineering I
- Media Production
- Web Design I

ACCOUNTING 1 (2 SEMESTERS) ***Approved as math elective credit***
The first half of this course introduces students to basic bookkeeping principles needed for owning or setting up his/her own business or helping another to do so. It shows the procedures and forms used in everyday business transactions for service and merchandising businesses. Students will use data to determine business profit/loss and other financial information. Business forms and procedures are also covered, such as payroll, sales tax, and tax forms. The second half of this course works on the sole proprietorship and corporate aspects of accounting. Business forms and financial statements will be compiled and looked at in greater depth. Payroll, uncollectible accounts, taxes, inventory methods and depreciation of assets will be discussed as well. **Prerequisite: None**
Grades Taught: 9, 10, 11, 12

ARCHITECTURE I (1 SEMESTER) ***Approved as math elective credit***
This introductory course provides comprehensive instruction in architectural drafting, design principles, and Computer-Aided Design (CAD). Students apply technical skills to create professional blueprints and engage in hands-on projects that connect design theory to real-world built environments. This is a prerequisite for Architecture II, Civil Engineering & Architecture, and Architecture III.
Grades Taught: 9, 10, 11, 12

BUSINESS MANAGEMENT (1 SEMESTER) ***Approved as math elective credit***
Business Management is designed to give the student an understanding of how businesses operate. Students will study a variety of topics related to different elements of business including economics, ethics, the many forms of business organization, human resources, and financial management. An emphasis on workplace skills is also provided. Students will be given the opportunity to achieve Critical Communication Skills in Business (CCS) certification. **Prerequisite: None, Grades Taught: 9, 10, 11, 12**

COMPUTER NETWORK I (PC Tech) (1 SEMESTER)
Students are exposed to the components of the computer system and how they work together. The concepts and

hands-on practical skills learned reflect those skills required to take the industry standard A+ certification test. **Prerequisite: None, Grades Taught: 9, 10, 11, 12**

AP COMPUTER SCIENCE PRINCIPLES (2 SEMESTERS) ***NCAA accredited, 5.0 GPA scale***
(An Introduction to Programming)
AP Computer Science Principles introduces all students to the foundational concepts of computer science and programming. Students will be exposed to and practice all fundamental programming and problem-solving concepts. The course challenges them to explore how computing and technology can impact the world. With a unique focus on creative problem solving through the development of real-world applications, AP Computer Science Principles prepares students for college and career. This course is designed for all students and all future majors, not just computer scientists! To be eligible to take the AP exam, students must take both semesters.
Approved as math elective or science elective credit
Prerequisite: B or better in Algebra 1, Grades Taught: 9, 10, 11, 12

MARKETING & ADVERTISING (1 SEMESTER)
In marketing & advertising class students will find out what it takes to market a product or service in today's fast-paced business environment. Learn the fundamentals of the marketing mix using real-world business examples, lessons and activities. Students will create an advertising campaign, including designing engaging print ads, radio and tv commercials, social media, event planning and more. They will experience hands-on projects working both independently and in small groups using technology to simulate a creative business work environment. Students have the opportunity to combine classroom learning with an introduction to “on-the-job” training through the state-of-the-art student run CHS School Store. Guest speakers and a field trip round out the career based experience. This class helps to prepare students for both college and careers in business but has a wide application to many fields and interests. College credit may be given at participating colleges. **Approved as a math elective credit. Prerequisite: None, Grades Taught: 9, 10, 11, 12**

MECHANICAL ENGINEERING I (1 SEMESTER)
This introductory course focuses on the fundamentals of mechanical drafting, CAD, and the design process. Students use professional techniques and software for hands-on applications to develop, document, and present original product designs. This is a prerequisite for Mechanical Engineering II, Engineering Graphics and Mechanical Engineering III. **Prerequisites: None, Grades Taught: 9, 10, 11, 12**

MEDIA PRODUCTION (1 SEMESTER)
This course focuses on the technology and skills used to record and edit digital video and audio. Students will have an opportunity to create short films, documentaries, and commercials. This class utilizes student creativity and teaches terminology and industry topics related to the field of radio/tv/film/media. This course can be taken more than one time for credit. **Prerequisite: None, Grades taught: 9, 10, 11, 12**

WEB DESIGN I (1 SEMESTER)
Students will learn the basics of html and xhtml. Students will learn and demonstrate understanding of industry standards in Website design as it relates to the ethical use and sharing of information with an emphasis in career and employability measures. **Prerequisite: None, Grades taught: 9, 10, 11, 12**

SUPPLEMENTARY & SUPPORT ELECTIVES

8TH GRADE STUDENT LEADERSHIP (1 SEMESTER)
Students will help organize and implement a variety of school-wide activities. Examples include school and community service projects, assemblies, spirit days, and school contests. The students have an opportunity to develop skills in leadership, writing, speaking, organization, working with others, and responsibility. Students are expected to maintain at least average grades in order to participate in the class. Up to 15 hours of community service are required to do during the semester of the course. The 8th grade leadership class is a semester long elective. Entry into Student Leadership is by application and interview only. The 7th grade leadership class is not a required prerequisite and does not guarantee acceptance for the 8th grade leadership class.
Prerequisite: Application, Grade Taught: 8

9TH GRADE STUDENT LEADERSHIP (1 SEMESTER)
Students will organize and implement a variety of school-wide activities. Examples include school and community service projects, assemblies, spirit days, and school contests. The students have an opportunity to develop skills in leadership, writing, speaking, organization, working with others, and responsibility. Students are expected to maintain at least average grades in order to participate in the class. Up to 15 hours of community service are required to do during the semester of the course. Entry into Student Leadership is by application and interview only. The 8th grade leadership class is not a required prerequisite and does not guarantee acceptance for the 9th grade leadership class. **Prerequisite: Application, Grade Taught: 9**

K'NEX AIDE PROGRAM (1 SEMESTER)
A semester course designed to facilitate awareness of individuals with special needs, the systems they require for placement in general education classes, and the benefits of peer-to-peer support in the least restrictive environment. K'NEX Aides will be supporting students with developmental disabilities in a variety of settings. Due to the sensitive nature and behavioral focus of this program, students with past disciplinary infractions, must obtain permission from the caseload team to enroll. **Prerequisite**: **Application and Teacher Recommendation, Grades Taught: 8, 9**

ACADEMIC SEMINAR (1 OR 2 SEMESTERS)
Academic Seminar is a teacher-led seminar in which a small peer group builds the skills behind success in school and beyond. Planned lessons cover organization and time management, note-taking, research and investigation, problem-solving and critical thinking, and self-advocacy. Students investigate areas of interest, set and track academic goals, work together in structured group activities, and present their progress to the group. Academic Seminar helps empower students to take ownership of their learning.
Prerequisite: Only by permission/teacher recommendation, Grades Taught: 8, 9

ELD SUPPORT (1 OR 2 SEMESTERS)
This class is designed to support the academic and emotional needs of MLL (multi-language learners) and International Exchange students at Clarkston Junior High School. Purposely scheduled at the end of the school day, it serves as not only a great opportunity for students in similar academic and domestic situations to check in after a long school day, but also serves to support their academic growth. Students are expected to check their

grades weekly and use the hour to focus on homework and/or missing assignments in all other classes. Additionally, students prefer to take assessments or work on projects from other classes in an alternate environment, and this class serves this purpose. *Exchange students who score above a certain level on their WIDA Screener have the option to take this class as an elective, but still many opt to take it as an elective in order to get extra content support. **Prerequisite: Counselor Recommendation, Grades Taught: 8, 9**

LRC SUPPORT (1 OR 2 SEMESTERS)
This course is designed to give students individual assistance in preparing for general education coursework and the development of study techniques and personal adjustment. Students will also spend time working on their individual goals per IEP. Number of semesters is determined by IEP. **Prerequisite: Only for students who have an IEP, Grades Taught: 8, 9**

FUNDAMENTALS ENGLISH LANGUAGE ARTS (2 SEMESTERS)
This course includes a curriculum in reading, composition, grammar, and vocabulary. Remediation is the primary focus in the areas of reading comprehension, basic reading, written expression, and reading fluency. Students will study short stories, poems, and novels aligned with the state's expectations. Students will explore both narrative and expository text in a variety of genres. Instruction will also include the practical use of language including vocabulary study, grammar and mechanics. **Prerequisite: Teacher Recommendation, Grades Taught: 8, 9**

PERSONAL LIVING SKILLS (2 SEMESTERS)
This course provides students with instruction that will build skills in activities of daily living and communication. These activities will support greater independence for students as they reach adulthood. Students will be given instruction and hands-on experiences in social skills and interpersonal communication, household upkeep, safety issues, personal finance, and independent living and goal setting. **Prerequisite: Teacher Recommendation, Grades Taught: 8, 9**

ESSENTIAL MATH (2 SEMESTERS)
This course provides students with explicit instruction in math. Mathematic skills align with state alternate standards (Essential Elements). Emphasis is on building individual skills, as well as the practical application of skills related to daily living and community participation. **Prerequisite: Teacher Recommendation, Grades Taught: 8, 9**

FUNDAMENTALS MATH 8 (2 SEMESTERS)
The lessons in this course meet prioritized math 8 content standards of the Common Core State Standards for mathematics (www.corestandards.org/math). This course embeds the CCSS Standards for Mathematical Practice as an integral part of the lessons. Students will also develop skills related to their individual IEP goals.
Prerequisite: Teacher Recommendation, Grade Taught: 8

FUNDAMENTALS ALGEBRA 1 (2 SEMESTERS)
The lessons in this course meet prioritized algebra content standards of the Common Core State Standards for mathematics (www.corestandards.org/math). This course embeds the CCSS Standards for Mathematical Practice as an integral part of the lessons. Students will also develop skills related to their individual IEP goals.
Prerequisite: Teacher Recommendation, Grade Taught: 9

ESSENTIAL HEALTH AND WELLNESS (2 SEMESTERS)
This course provides explicit instruction and hands-on activities that focus on individual physical and emotional wellness. Students will gain skills in the areas of self-advocacy, goal-setting, decision making, self-regulation, and positive behavior strategies. Self-care, reproductive health, nutrition and participation in physical activities will be a part of this course. **Prerequisite: Teacher Recommendation, Grades Taught: 8, 9**

ESSENTIAL ELA/SCIENCE/SOCIAL STUDIES (2 SEMESTERS)
This course provides students with explicit instruction in ***language arts*** skills that align with state alternate standards (Essential Elements). Using a balanced-literacy framework for teaching language arts, four language arts areas (guided reading, self-selected reading, writing and working with words) are integrated into reading instruction. Science and social studies content is embedded in this class. Emphasis will be placed on building individual basic skills, as well as the practical application of reading and writing as it relates to daily living, community participation and personal enjoyment. **Prerequisite: Teacher Recommendation, Grades Taught: 8, 9**